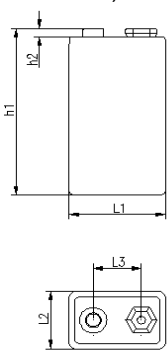

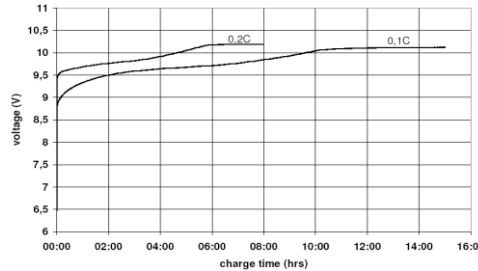
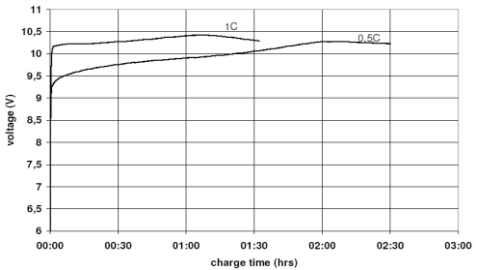
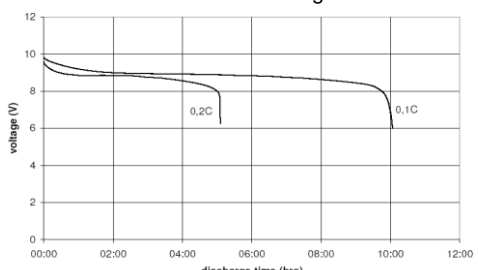
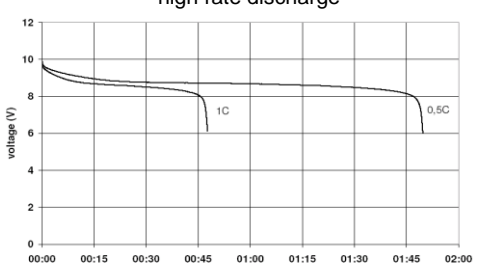



| | | Conditions | Diagrams |
|--|-------------|------------|---|
| cell type: | | NiMH | |
| cell size: | | E-block | |
| nominal voltage: | 8.4 | V | |
| max. charge voltage: | 10.5 | V | at standard charge (0.1C / 20°C) |
| capacity | | | |
| nominal: | 300 | mAh | discharge at 0.2C |
| minimum: | 270 | mAh | discharge at 0.2C |
| | 240 | mAh | discharge at 1C |
| | | | 7.0V end discharge voltage |
| | | | ta: 20°C |
| max. continuous discharge current: | 400 | mA | ta: 0...45°C |
| charge | | | |
| standard charge: | 30 | mA | 14...16hrs |
| quick charge: | 85 | mA | 4hrs |
| fast charge: | 300 | mA | 1.1hrs |
| recommended charge termination control parameters: | 15...35 | mV | - delta V |
| | 120 | % | of nominal input by timer cut off |
| trickle charge current: | 2...15 | mA | (recommended) |
| continuous overcharge: (less than 1 year) | ≤ 30 | mA | no conspicuous deformation no leakage |
| internal resistance: (impedance) | ≤ 0.8 | Ω | at 1KHz battery fully charged |
| life expectancy: | ≥ 500 | cycles | acc. IEC standard |
| self discharge | | | |
| charge retention: (at ≤ 20°C ambient) | ≥ 85 | % | after 6 months storage |
| | ≥ 80 | % | after 12 months storage |
| initial capacity: | ≥200 | mAh | within 30 days after delivery discharge at 0.2C |
| ambient temperature range: | 0...45 | °C | standard charge |
| | 10...40 | °C | fast charge |
| | 0...45 | °C | discharge (≥1C) |
| | - 20...65 | °C | discharge (<1C) |
| | - 20...50 | °C | storage (≤3months) |
| | - 20...40 | °C | storage (≤6months) |
| | - 20...30 | °C | storage (≤24months) |
| QCT1: | 20/260/750 | | |
| QCT2: | 30/240/800 | | |
| mechanical specifications | | | |
| cell dimensions (incl. label) | | | |
| Length L1: | 26.5 - 2.0 | mm | |
| Length L2: | 17.5 - 2.0 | mm | |
| Length L3: | 12.7 ± 0.25 | mm | |
| height h1: | 48.5 - 1.0 | mm | |
| weight: | 45 ± 4 | g | |
| | | |  |
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|---|--|--|
|  | ANSMANN Specifications for model: | 9V-E-block 300mAh low self discharge bulk package |
| | data sheet no. / part no. | 5035451 |
| | supplier no. | 701364 |
| | author / date | Gramlich / 05.03.2012 |

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice